Serious power, uncompromising class

POWERFUL PC PERFORMANCE

Intel® Core™ 2 Duo T9600 processor (2.80GHz) with Intel® Centrino® 2 processor technology – the latest chipset from Intel®.

The VAIO® SR notebook comes pre-installed with Genuine Microsoft® Windows Vista® Home Premium with Service Pack 1.

Thin, lightweight and durable magnesium alloy chassis weighs just over 4 pounds[7] (with standard battery).

Built-in Wireless-N technology offers a boost in wireless connection speed and range[3].

Store your important documents, team projects and cherished family photographs on the roomy 320GB[2] Serial ATA hard disk drive.

SERIOUS SECURITY

A built-in biometric fingerprint scanner makes authentication and secure access quick and easy – you only need your fingerprint.

An integrated Trusted Platform Module (TPM) TCG Ver.1.2 compliant chip enhances security by allowing you to control access on a specific client/user basis.

G-Sensor™ Shock Protection technology makes your data even less vulnerable to loss or damage. When the built-in 3D acceleration sensor detects a risky movement, the HDD-head will lock up to secure its position and help protect the disc from scratching.

"SWITCH" YOUR PERSPECTIVE

Separate your business workspace from your personal workspace. VAIO® Switch mode keeps it organized and enables you to tailor your SR notebook to the way you use your computer. A set of buttons above the keyboard lets you set three distinct usage "personalities", or modes, to your SR notebook.

The VAIO® SR notebook features an innovative keyboard design with keys that are individually raised above a solid, one-piece piano-black bezel layer providing a quieter keyboard and more durable panel.

Whether it's for YouTube™ , a team project or for sharing with friends and family, editing digital video captured by your Sony Handycam® is quick and easy with VAIO® Movie Story software. You choose the supplied template and professional-looking cutaways, cross-fades and soundtrack syncing are automatically done for you.

The powerful, portable and durable VAIO® SR notebook features a magnesium alloy casing, new Intel® Centrino® 2 processor technology, long battery life and a 13.3"[6] LED backlit widescreen display with XBRITE-ECO™ LCD technology. Customize your SR notebook with completely different on-screen "personalities" for home, work and play using the ingenious new "Switch" mode.

Windows Vista Home Premium

XBRITE-ECO™

ENERGY STAR

EPEAT SILVER

G-SENSOR

Bluetooth

dlna CERTIFIED

SONY

VGN-SR190ECJ

VAIO® SR Series Notebook PC

Specifications

General

Computer Type: Notebook
Type of Use: Ultra-portable
Action Buttons: Switch Mode, WLAN/Bluetooth® on/off
Pointing Device: Electro-Static touch pad
Security: Biometric Fingerprint Sensor
Trusted Platform Module (TPM) TCG Ver.1.2 compliant

Hardware

Keyboard: QWERTY, 82 keys with 2.0mm stroke and 19.05mm pitch
Camera: Built-in 1.3 megapixel MOTION EYE® camera and microphone

Processor

Type: Intel® Core™ 2 Duo Processor T9600
Speed: 2.80GHz[1]
Front Side Bus Speed: 1066MHz
L2 Cache: 6MB
Technology: Intel® Centrino® 2 processor technology

Memory

Type: DDR2 SDRAM
Installed: 4GB PC2-6400 (2GBx2)
Maximum: 4GB[15]
Speed: 800MHz

Hard Drive

Capacity: 320GB[2]
Speed: 5400rpm
Interface: Serial ATA
Impact Protection: G-Sensor™ Shock Protection - Hard Disk Drive Protection

Optical Drive #1

DVD+R DL Write: 4x max
DVD+R Write: 8x max
DVD+RW Write: 8x max
DVD-R Write: 8x max
DVD-RW Write: 6x max
CD-R Write: 24x max
CD-RW Write: 16x max
DVD±RW: Yes[5] (DVD±R DL/DVD±RW/RAM)
CD Read: 24x max
DVD Read: 8x max
DVD-R DL Write: 4x max
DVD-RAM Read: 5x max

Expansion Slots

Multimedia Card Reader: One Memory Stick Duo™ media slot with MagicGate® functionality
One ExpressCard® /34 slot
One Secure Digital (SD™ memory card) media slot

Display

Screen Size: 13.3"[6]
Resolution: 1280 x 800
XBRITE-ECO™ Technology: Yes
Technology: WXGA
Back Light Technology: LED

Graphics

Processor: ATI Mobility Radeon™ HD 3470
Total Available Graphics Memory of 1400MB (max.)[10]
Chipset: Mobile Intel® PM45 Express Chipset

Inputs and Outputs

Headphone Jack: 1
Modem Jack: 1
Microphone Input: 1
USB Port(s): 2 (2.0 compliant)
VGA Output(s): 1
DC-In: 1
i.LINK® Connection: 1 (4pin) i.LINK® connector (IEEE 1394)[9]
Ethernet Connection (s): 1

Networking/Modem

Ethernet Protocol: 10Base-T/100Base-TX
Ethernet Speed: Fast Ethernet (RJ-45)
Modem Type: Integrated V.92/V.90 Modem (RJ-11)
Wireless LAN: Intel® WiFi Link 5100AGN (802.11a/b/g/n)[3]
Bluetooth® Technology: Integrated Stereo A2DP Bluetooth® Technology[16]

Power

Battery Type: Standard Capacity Lithium-ion Battery (VGP-BPS13A/B)
Estimated Battery Life: 2-6 hours[11] Standard Capacity Battery
3-9 hours[11] Large Capacity Battery
Power Requirements: 100W + 10%

Software

Operating System: Genuine Microsoft® Windows Vista® Home Premium with SP1
Internet Services: AOL® 90-Day Risk Free Trial - New Users Only
Anti-Virus and Recovery Software: Microsoft® Windows Live™ OneCare™ Trial Version
Supplied Software: Microsoft® Works SE 9.0 w/ 60-Day Trial Version of Microsoft® Office Home and Student 2007[14]
The VAIO® Software Experience: VAIO® Startup Assistant
Click to Disc Editor - Import, Edit, Burn
VAIO® Movie Story - Simple Movie Creation
VAIO® MusicBox - Music by Mood
VAIO® Media plus - Multimedia Streaming Software
*Please access VAIO® Help and Support from your PC for a complete list of software applications and trials.

Service and Warranty Information

Telephone Support: 1 year toll-free technical telephone assistance, available 24/7[13]
Online and Email Support: Support available from http://www.esupport.sony.com/EN/VAIO
Limited Warranty Term: 1 year limited warranty[12]. See actual warranty for details.

Environmental Information

EPEAT™ : Meets EPEAT™ Silver rating
RoHS®: Compliant
For more information: www.sony.com/vaioeco

Regulation and Standard Compliance

Energy Star® Compliant: 4.0

Dimensions

Weight: 4.14 lbs[7] (with standard battery)
Measurements: 12.4"(W) x 0.99-1.33"(H) x 9.2"(D)[7,8]

Supplied Accessories

Standard Lithium-ion battery (VGP-BPS13A/B)
AC Adapter
Power Cable

Optional Accessories

Stick AC Adapter (VGP-AC19V21)
USB Port Replicator (VGP-PRSR1)
Additional Standard Capacity Battery (VGP-BPS13A/B)
Large Capacity Battery (VGP-BPL13)
VAIO® Protection Case (VGP-CKSR1)
USB Optical Mouse (VGP-UMS20/B)
Bluetooth Laser Mouse[16] (VGP-BMS33/B)
Neoprene Case (VGP-AMC1)
Notebook Backpack (VGP-CCP4/L)

Color: Glossy Pink
UPC Code: 27242745544

1. GHz denotes microprocessor internal clock speed; other factors may affect application performance. CPU speed will be reduced under certain operating conditions.
2. GB means one billion bytes when referring to hard drive capacity. Accessible capacity may vary. A portion of hard disk space is reserved as a recovery partition.
3. Requires 802.11n compatible access point. Some functionality may require Internet services, which may require a fee.
4. Broadband Internet service required along with third party services which may require a subscription or other service fee.
5. DVD Media/Formats are not universally compatible.
6. Viewable area measured diagonally.
7. Non-metric weights and measures are approximate and may vary.
8. Measured at the narrowest point
9. i.LINK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connector. All products with an i.LINK connector may not communicate with each other.
10. Total Available Graphics Memory refers to the new Windows Vista® classification of graphics memory, which varies depending on the operating condition, version of device driver and system memory size.
11. Actual battery life may vary based on product settings, usage patterns and environmental conditions. Battery life will be shorter with models equipped with Instant Mode features.
12. See actual limited warranty for details. For a copy of Sony's warranty, please visit www.sony.com/pcsupport, call toll-free 888-476-6972 (888-4SONYPC) or write to Sony Electronics, 12451 Gateway Boulevard, Fort Myers, FL 33913.
13. For certain third party software applications, Sony provides first level phone support. Additional telephone support may be available from the applicable 3rd party vendor. Availability and schedule for any such support is determined by the aplicable software vendor.
14. 60-Day Trial Version of Microsoft® Office 2007 - This trial software will work only for 60 days after you first use it. You will not be able to use the software if you dont activate it as described the first time you use the software. You can activate the software by Internet: Internet service charges may apply. If you want to keep using the software after the 60-day trial period, you must convert to the perpetual version. You can convert online by following the conversion instgructions presented during setup and paying the required fees.
15. A portion of the system memory over 3GB may not be available to the operating system.
16. Interoperability and compatibility among Bluetooth® devices varies.

Computer Interface: For this product,there are a multitude of varying software packages and add-on hardware options. This product is not manufactured to work with any specific software, and Sony does not and cannot make any warranty or representation with respect to the performance of this product with any particular software packages and/or non-Sony add-on hardware options except those mentioned here. Sony hereby disclaims any representations or warranties that this product is compatible with any combination of non-Sony products you may choose to connect to it. While Sony representatives or Sony authorized dealers may be able to assist you and may make recommendations, they are NOT authorized to vary or waive this disclaimer. Purchasers must determine for themselves the suitability and compatibility of the hardware and software in each and every particular instance. Software titles pre-installed on the Sony computer are subject to change without notice. Preinstalled software may not be identical to retail versions or have all documentation. Features and specifications are subject to change without notice. This product meets the standards of the International Energy Star Program for energy efficiency.
©2008 Sony Electronics Inc. All rights reserved. Reproduction in whole or in part without written permission is prohibited. Sony, VAIO, XBRITE-ECO, Handycam, MOTION EYE, G-Sensor, Memory Stick Duo, MagicGate, and i.LINK are trademarks of Sony in the U.S. and in other countries. Microsoft, Windows, Windows Live, OneCare and Windows Vista are trademarks of the Microsoft Corporation in the U.S. and in other countries. Intel and Centrino are registered trademarks and Core is a trademark of the Intel Corporation in the U.S. and in other countries. Bluetooth is a registered trademark of SIG, Inc. ENERGY STAR is a registered U.S. mark. All other trademarks are trademarks of their respective owners.
Printed in U.S.A. 06/08.